

Measure heat stress in the field

Government organizations such as OSHA have set recommended heat stress limits for various activities. WBGT (Wet Bulb Globe Temperature) provides the most accurate determination of the heat stress index based on the cumulative effect of air temperature, air movement, relative humidity, and radiant heat. WBGT Heat Stress Meter 800036 is a light-weight meter compact enough to carry anywhere to avoid heat exhaustion in public health, sports, military and industrial activities. Highly accurate readings with a typical response time of only 15 seconds. Provides settings for both indoor and outdoor activity and includes an audible alarm, adjustable to your WBGT threshold. Comes with tripod screw and RS232 computer interface.

GLOBE DIAMETER: 1.6" (40 mm). METER DIM: 10" × 2" × 1¼" (255 × 50 × 30 mm).

WEIGHT: 4 oz (126 g).



No.	Description
800036	WBGT Heat Stress Meter
840052	Data Acquisition Software
840054	USB Cable
840092	Benchtop Tripod
840093	Field Tripod
860019	33% and 75% RH Calibration Chambers (Special Order)

	Range	Res.	Accuracy
WBGT	0 ~ 50°C, 32 ~ 122°F	0.1	±2°C indoor, 3°C outdoor (-15 ~ 40°C) otherwise ±2.5 indoor, 3.5°C outdoor
Air Temperature (TA)			±0.6°C
Globe Temperature (TG)	0 ~ 80°C 32 ~ 176°F		±2°C (15 ~ 35°C)
Relative Humidity (RH)	0 ~ 100%		±3% (10 ~ 90%) otherwise ±5%